BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work : Constuction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanaka Satellite town sub division

									Estimate Cost	**4000000.00**
Sl No	**Description of Item**	**Unit**	**No**	**L**	**B**	**D**	**Qty**	**Rate**	**Amount**
1	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material to the appropriate disposal area as per direction of Engineer-in-charge. (PWD SR 2021-22 Vol -2 Pg 165 item no 19.27.2)								
	A C Sheets	Sqm	1	8.00	6.00		48.00		
	Basic rate							388.00	
	Area weightage 10%							38.8	
	Total						**48.00**	**426.80**	**20486.40**
2	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking to the appropriate disposal area as per direction of Engineerin-charge. (PWD SR 2021-22 Vol -2,Pg 164 Item No.19.12.2)								
	W	Sqm	1	4.10		1.03	4.22		
	D	Sqm	1	1.36		2.16	2.94		
	D1	Sqm	1	0.85		2.10	1.79		
	D2	Sqm	1	0.90		2.10	1.89		
	V	Sqm	1	0.75		0.60	0.45		
	Basic rate							201.00	
	Area weightage 10%							20.1	
	Total						**11.29**	**221.10**	**2495.25**
3	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material to the appropriate disposal area as per direction of Engineer-in-charge.(PWD SR 2021-22 Vol -2 Pg 163 item No. 19.7.3)								
	WALL								
	Hall	Cum	2	7.50	0.20	3.60	10.80		
		Cum	3	5.26	0.20	3.60	11.36		
	Deduction								
	W	Cum	-1	4.10	0.20	1.03	-0.84		
	D	Cum	-1	1.36	0.20	2.16	-0.59		
	D1	Cum	-1	0.85	0.20	2.10	-0.36		
	D2	Cum	-1	0.90	0.20	2.10	-0.38		
	V	Cum	-1	0.75	0.2	0.6	-0.09		
	Basic rate							789.00	
	Area weightage 10%							78.9	
	Total						**19.90**	**867.90**	**17275.10**
4	Demolishing cement concrete manually/ by mechanical means including disposal of material to the appropriate disposal area as per direction of Engineer-in-charge (PWD SR 2021-22 Vol -2 Pg 163 Item no 19.2.1)								
	FLOOR	Cum	1	7.50	5.26	0.2	**7.89**		
	Basic rate							1274.00	
	Area weightage 10%							127.4	
	Total						**7.89**	**1401.40**	**11057.05**
5	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material to the appropriate disposal area as per direction of Engineerin-charge. (PWD SR 2021-22 Vol- 2 P.No -163 / I.No -19.9.2)								
	SSM								

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Hall	Cum	2	7.50	0.75	1	11.25		
		Cum	3	5.26	0.75	1	11.84		
	Basic rate							1290.00	
	Area weightage 10%							129	
	Total						**23.09**	**1419.00**	**32757.62**
6	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. Depth exceeding 1.5m, but not exceeding 3 m (PWD SR 2021-22 Vol -I Pg 5 item No. 1.4.2)								
	Footings								
		Cum	6	2.70	2.70	2.00	87.48		
	SSM Footing								
	Along long direction	Cum	2	2.10	0.75	0.90	2.84		
	Along Short direction	Cum	3	2.56	0.75	0.90	5.18		
	Basic rate							199.00	
	Area weightage 10%							19.9	
	Total						**95.50**	**218.9**	**20904.73**
7	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift, complete as per specifications. Specification No. (PWD SR 2021-22 Vol -2 CORRIGENDA,item No. 6.4)								
	Footings								
		Cum	6	2.7	2.7	0.10	4.37		
	Basic rate							2561.00	
	Area weightage 10%								
	Total						**4.37**	**2561**	**11201.81**
8	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates.Specification (PWD SR 2021-22 Vol -I Pg 15 item no 2.1.3)								
	Footings								
		Cum	6	2.7	2.7	0.15	6.56		
	SSM Below								
	Along long direction	Cum	2	6.6	0.75	0.15	1.49		
	Along Short direction	Cum	3	4.36	0.75	0.15	1.47		
	Basic rate							5554.00	
	Area weightage 10%							555.4	
	Total						**9.52**	**6109.40**	**58146.21**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
9	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) Mix 1:2:4 (M15) Using 20 mm nominal size graded crushed coarse aggregates (PWD SR 2021-22 Vol -I Pg 15 item no 2.1.3)								
	SSM Above								
	Along long direction	Cum	2	6.6	0.60	0.1	0.79		
	Along Short direction	Cum	3	4.36	0.60	0.1	0.78		
	Basic rate							6096.00	
	Area weightage 10%							609.6	
	Total						**1.58**	**6705.60**	**10573.39**
10	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (Vol 2/ P No-9/ I no- 5.4 of PWD SR 2021-22)								
	SSM								
	Along long direction	Cum	2	6.6	0.6	0.75	5.94		
	Along Short direction	Cum	3	4.36	0.6	0.75	5.89		
	Basic rate							5352.00	
	Area weightage 10%							535.2	
	Total						**11.83**	**5887.2**	**69622.03**
11	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. ((PWD SR 2021-22 Vol- I P.No -7 / I.No -1.9)								
	Filling Available of Excavated Earth								
	Earth Work Excavation	Cum					95.50		
	PCC for Footing	Cum					-11.09		
	Filling in foundation with granite / trap broken	Cum					-4.37		
	SSM Footing	Cum					-11.83		
	Footing Concrete	Cum					-26.24		
	Basic rate							204.00	
	Area weightage 10%							20.4	
	Total						**41.96**	**224.40**	**9415.98**
12	**Loading and Unloading of Stone Boulder**/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 14 m3) (PWD SR 2021-22 Vol-III Page No.3, Item No.1.1C)								
	Excavated Earth	Cum					95.50		
	Filling Available of Excavated Earth						-41.96		
	Basic rate							74.00	
	Area weightage 10%							**7.40**	

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Total						**53.54**	**81.40**	**4358.02**
13	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km (PWD SR 2021-22 Vol-III Page No.3, Item No.1.4A)								
		t.Km		53.54		1.280	68.529		
	Basic rate							**12.00**	
	8Km 12*8							**96.00**	
	Area weightage 10%							**9.60**	
	Total						**68.53**	**105.60**	**7236.66**
14	Providing and laying in position Reinforced cement concrete for all **Sub structures of building,** Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/ trap/ basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) **M25** Design Mix Using 20 mm nominal size graded crushed coarse aggregates (Vol 2/ P No-17/ I no- 2.4.3 of PWD SR 2021-22)								
	Footings								
		Cum	6	2.7	2.7	0.6	26.24		
	Column below plinth								
		Cum	6	0.3	0.45	0.70	0.57		
	Plint Beam								
		Cum	2	6.60	0.2	0.45	1.19		
		Cum	3	4.36	0.2	0.45	1.18		
	Basic rate							5992.00	
	Add 8% For Shuttering							479.36	
	Sub Total							**6471.36**	
	Area weightage 10%							647.14	
	Total						**29.18**	**7118.50**	**207690.66**
15	Providing and laying in position Reinforced cement concrete for all **Super structures of building** , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/ basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) **M25 Design Mix** Using 20 mm nominal size graded crushed coarse aggregates (Vol 2/ P No-17/ I no- 2.5.2 of PWD SR 2021-22)								
	Ground Floor								
	Columns upto beam bottom								
		Cum	6	0.3	0.45	3.00	2.43		
	Basic rate							6186.00	
	Add 10% for Shuttering							618.60	
	Sub total							6804.60	
	Area weightage 10%							680.46	
	Total						**2.43**	**7485.06**	**18188.70**
	Slab	Cum	1	7.5	7.41	0.15	8.34		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Deduction								
	Satircase	Cum	-1	4.83	2.15	0.15	-1.56		
	Basic rate							6186.00	
	Add 20% for Shuttering							1237.20	
	Sub total							7423.20	
	Area weightage 10%							742.32	
	Total						6.78	**8165.52**	**55350.59**
	Beams								
	Along long direction	Cum	2	6.60	0.30	0.45	1.78		
	Along Short direction	Cum	3	4.36	0.30	0.45	1.77		
	Basic rate							6186.00	
	Add 20% for Shuttering							1237.20	
	Sub total							7423.20	
	Area weightage 10%							742.32	
	Total						3.55	**8165.52**	**28969.63**
	Lintel								
	Along long direction	Cum	2	6.60	0.2	0.2	0.53		
		Cum	1	4.30	0.1	0.2	0.09		
	Along Short direction	Cum	2	4.36	0.2	0.2	0.35		
		Cum	1	1.50	0.1	0.2	0.03		
	Basic rate							6186.00	
	Add 20% for Shuttering							1237.20	
	Sub total							7423.20	
	Area weightage 10%							742.32	
	Total						**0.99**	**8165.52**	**8106.73**
	Chejja	Cum	6.00	1.20	0.30	0.10	0.22		
	Basic rate							6186.00	
	Add 45% for Shuttering							2783.70	
	Sub total							8969.70	
	Area weightage 10%							896.97	
	Total						**0.22**	**9866.67**	**2131.20**
	Staircase								
	Waist slab	Cum	2	4.00	1	0.175	1.40		
	Steps	Cum	23	1.00		0.022	0.51		
				triangular area 0.5*0.3*0.15=0.022					
	Landing slab	Cum	1	1.23	2.15	0.175	0.46		
	Basic rate							6186.00	
	Add 20% for Shuttering							1237.20	

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Sub total							7423.20	
	Area weightage 10%							742.32	
	Total						**2.37**	**8165.52**	**19342.38**
	First Floor								
	Columns upto beam bottom								
		Cum	6	0.3	0.45	3	2.43		
	Basic rate							6186.00	
	Add 10% for Shuttering							618.60	
	Sub total							6804.60	
	Add lift charges for First Floor							68.05	
	Sub total							6872.65	
	Area weightage 10%							687.26	
	Total						**2.43**	**7559.91**	**18370.58**
	Slab	Cum	1	7.5	7.41	0.15	8.34		
	Deduction								
	Satircase	Cum	-1	4.83	2.15	0.15	-1.56		
	Basic rate							6186.00	
	Add 20% for Shuttering							1237.20	
	Sub total							7423.20	
	Add lift charges for First Floor							74.23	
	Sub total							7497.43	
	Area weightage 10%							749.74	
	Total						**6.78**	**8247.18**	**55904.10**
	Beams								
	Along long direction	Cum	2.00	6.60	0.30	0.45	1.78		
	Along Short direction	Cum	3.00	4.36	0.30	0.45	1.77		
	Basic rate							6186.00	
	Add 20% for Shuttering							1237.20	
	Sub total							7423.20	
	Add lift charges for First Floor							74.23	
	Sub total							7497.43	
	Area weightage 10%							749.74	
	Total						**3.55**	**8247.18**	**29259.33**
	Lintel								
	Along long direction	Cum	2.00	6.60	0.20	0.20	0.53		
		Cum	1.00	7.10	0.10	0.20	0.14		
		Cum	1.00	3.00	0.10	0.20	0.06		
	Along Short direction	Cum	2.00	4.36	0.20	0.20	0.35		
		Cum	1.00	2.90	0.10	0.20	0.06		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic rate							6186.00	
	Add 20% for Shuttering							1237.20	
	Sub total							7423.20	
	Add lift charges for First Floor							74.23	
	Sub total							7497.43	
	Area weightage 10%							749.74	
	Total						**1.14**	**8247.18**	**9375.39**
	Chejja	Cum	6.00	1.20	0.30	0.10	0.22		
	Basic rate							6186.00	
	Add 45% for Shuttering							2783.70	
	Sub total							8969.70	
	Add lift charges for First Floor							89.70	
	Sub total							9059.40	
	Area weightage 10%							905.94	
	Total						**0.22**	**9965.34**	**2152.51**
	Staircase								
	Waist slab	Cum	2	4.00	1	0.175	1.40		
	Steps	Cum	23	1.00		0.022	0.51		
				triangular area					
	Landing slab	Cum	1	1.23	2.15	0.175	0.46		
	Basic rate							6186.00	
	Add 20% for Shuttering							1237.20	
	Sub total							7423.20	
	Add lift charges for First Floor							74.23	
	Sub total							7497.43	
	Area weightage 10%							749.74	
	Total						**2.37**	**8247.18**	**19535.81**
16	Providing Thermo-Mechanically Treated bars of grade Fe-550 Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately) (Vol- I P.No. 84/I.No. 11.32 of PWD SR 2021-22 1st Corrigenda)								
	Ground Floor								
	Footing	Cum	Concrete Quantity				26.24		
		kg	Steel assumed 100 Kg/Cum of Concrete				2624.4		
	Column	Cum	Concrete Quantity				3.00		
		kg	Steel assumed 130 Kg/Cum of Concrete				404.60		
	Beam	Cum	Concrete Quantity				5.91		
		kg	Steel assumed 120 Kg/Cum of Concrete				709.6		
	Roof Slab	Cum	Concrete Quantity				6.78		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
		kg	Steel assumed 100 Kg/Cum of Concrete				677.9		
	Lintel	Cum	Concrete Quantity				0.99		
		kg	Steel assumed 100 Kg/Cum of Concrete				99.3		
	Chejja	Cum	Concrete Quantity				0.22		
		kg	Steel assumed 100 Kg/Cum of Concrete				21.6		
	Staircase	Cum	Concrete Quantity				2.37		
		kg	Steel assumed 125 Kg/Cum of Concrete				307.9		
	Basic rate							96.00	
	Area weightage 10%							9.60	
	Total						**4845.23**	**105.6**	**511656.80**
	First Floor								
	Column	Cum	Concrete Quantity				2.43		
		kg	Steel assumed 130 Kg/Cum of Concrete				328.05		
	Beam	Cum	Concrete Quantity				3.55		
		kg	Steel assumed 120 Kg/Cum of Concrete				425.7		
	Roof Slab	Cum	Concrete Quantity				6.78		
		kg	Steel assumed 100 Kg/Cum of Concrete				677.9		
	Lintel	Cum	Concrete Quantity				1.14		
		kg	Steel assumed 100 Kg/Cum of Concrete				113.7		
	Chejja	Cum	Concrete Quantity				0.22		
		kg	Steel assumed 100 Kg/Cum of Concrete				21.6		
	Staircase	Cum	Concrete Quantity				2.37		
		kg	Steel assumed 125 Kg/Cum of Concrete				307.9		
	Basic rate							96.00	
	Add 45% for Shuttering							43.20	
	Sub total							139.20	
	Add lift charges for First Floor							1.39	
	Sub total							140.59	
	Area weightage 10%							14.06	
	Total						**1874.87**	**154.65**	**289950.26**
17	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (Vol 2/ P No-17/ I no- 6.32 of PWD SR 2021-22)								
	Ground Floor								
	Along long direction	Sqm	2	6.60		3.00	39.60		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Along Short direction	Sqm	2	4.36		3.00	26.16		
	Deduction								
	D1	Sqm	-1	1.5		2.10	-3.15		
	W	Sqm	-6	1.2		1.20	-8.64		
	Lintel	Sqm	-2	6.6		0.20	-2.64		
		Sqm	-2	4.36		0.20	-1.74		
	Basic rate							1196.00	
	Area weightage 10%							119.60	
	Total						**49.59**	**1315.60**	**65235.34**
	First Floor								
	Along long direction	Sqm	2	6.6		3	39.6		
	Along Short direction	Sqm	2	4.36		3	26.16		
	Deduction								
	D1	Sqm	-1	1.5		2.1	-3.15		
	W	Sqm	-6	1.2		1.2	-8.64		
	V	Sqm	-2	0.75		0.6	-2.64		
	Lintel	Sqm	-2	6.6		0.2	-2.64		
		Sqm	-2	4.36		0.2	-1.744		
	Basic rate							1196.00	
	Add lift charges for First Floor							11.96	
	sub total							1207.96	
	Area weightage 10%							120.80	
	Total	**Sqm**					**46.95**	**1328.76**	**62379.78**
18	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x100x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (Vol 2/ P No-17/ I no- 6.34 of PWD SR 2021-22)								
	Ground Floor								
	Along long direction	Sqm	1	4.3		3.45	14.84		
	Along Short direction	Sqm	1	1.5		3.45	5.18		
	Deduction								
	D2	Sqm	-1	0.90		2.10	-1.89		
	Basic Rate							940.00	
	Area weightage 10%							94.00	
	Total						**18.12**	**1034.00**	**18736.08**
	First Floor								
	Along long direction	Sqm	1	7.10		3.45	24.50		
		Sqm	1	3.10		3.45	10.70		
	Along Short direction	Sqm	1	1.90		3.45	6.56		
		Sqm	1	1.00		3.45	3.45		
	Deduction								
	D2	Sqm	-2	0.9		2.1	-3.78		
	D3	Sqm	-2	0.75		2.1	-3.15		
	Basic rate							940.00	
	Add lift charges for First Floor							9.40	

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	sub total							949.40	
	Area weightage 10%							94.94	
	Total						**38.27**	**1044.34**	**39961.67**
19	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (Vol 2/ P No-17/ I no- 6.33 of PWD SR 2021-22)								
	Parapit Wall								
		Sqm	2	7.50		1.20	18.00		
		Sqm	2	7.31		1.20	17.54		
	Basic Rate							1067.00	
	Area weightage 10%							106.70	
	Total						**35.54**	**1173.70**	**41717.99**
20	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge (Vol 2/ P No-41/ I no- 8.3.1 of PWD SR 2021-22)								
	Ground Floor								
	External Plastering								
	Along long Direction	Sqm	2	7.5		3.6	54		
	Along Short Direction	Sqm	2	5.26		3.6	37.872		
	Chejja	Sqm	6	1.20	0.30		2.16		
	Parapit Wall	Sqm	4	7.5		1.2	36		
		Sqm	4	7.31		1.2	35.088		
	Parapit Wall Upper Face	Sqm	2	7.5		0.15	2.25		
		Sqm	2	7.31		0.15	2.193		
	Staircase								
	Landing Slab	Sqm	1	1.23	2.15		2.6445		
	Waist slab	Sqm	2	4.00	1.00		8		
	Waist slab side face	Sqm	3	4.00	0.175		2.1		
	Triangle Area(riser & Thread)	Sqm	35			0.023	0.7875		
				Triangle Area					
	Deduction								
	D1	Sqm	-1	1.5		2.1	-3.15		
	W	Sqm	-6	1.2		1.2	-8.64		
	Basic Rate							299.00	
	Area weightage 10%							29.90	
	Total						**171.31**	**328.90**	**56342.21**
	First Floor								
	Along long Direction	Sqm	2	7.5		3.6	54		
	Along Short Direction	Sqm	2	5.26		3.6	37.872		
	Chejja	Sqm	6	1.2	0.3		2.16		
	Staircase								
	Landing Slab	Sqm	1	1.23	2.15		2.6445		
	Waist slab	Sqm	2	4	1		8		
	Waist slab side face	Sqm	3	4	0.175		2.1		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Triangle Area(riser & Thread)	Sqm	35			0.0225	0.7875		
				Triangle Area					
	Deduction								
	D1	Sqm	-1	1.5		2.1	-3.15		
	W	Sqm	-6	1.2		1.2	-8.64		
	V	Sqm	-2	0.75		0.6	-0.9		
	Basic rate							299.00	
	Add lift charges for First Floor							2.99	
	sub total							301.99	
	Area weightage 10%							30.20	
	Total						**94.87**	**332.19**	**31516.1**
21	Providing 18 mm cement plaster in two coats under layer 12 mm thick cement plaster with cement mortar 1:5 (1 cement : 5 coarse sand) and a top layer 6 mm thick cement plaster with cement mortar 1:3 (1 cement: 3 coarse sand) finished rough with sponge to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. (PWD SR 2021-22 Vol -II Pg 42 item no 8.9)								
	Ground Floor								
	Internal Plastering								
	Along long Direction	Sqm	2	7.10		3.45	48.99		
		Sqm	2	4.30		3.45	29.67		
	Along Short Direction	Sqm	2	5.26		3.45	36.294		
		Sqm	2	1.5		3.45	10.35		
	Deduction								
	D1	Sqm	-1	1.5		2.1	-3.15		
	D2	Sqm	-1	0.9		2.1	-1.89		
	W	Sqm	-6	1.2		1.2	-8.64		
	Basic Rate							322.00	
	Area weightage 10%							32.20	
	Total						**111.62**	**354.20**	**39537.22**
	First Floor								
	Along long Direction	Sqm	4	7.10		3.45	97.98		
		Sqm	2	3.00		3.45	20.7		
	Along Short Direction	Sqm	2	5.26		3.45	36.294		
			2	3.00		3.45	20.7		
			4	1.00		3.45	13.80		
	Basic rate							322.00	
	Add lift charges for First Floor							3.22	
	sub total							325.22	
	Area weightage 10%							32.52	
	Total						**189.47**	**357.74**	**67782.81**
22	Providing 12mm thick cement plaster in floating coat of neat cement of mix :1:4 to Brick masonry including rounding off corners wherever reduired smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per diredtion of Engineer-in-charge(PWD SR 2021-22 Vol -II Pg 41 item no 8.4.2)								

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Ground Floor								
	Ceiling								
	Kitchen	Sqm	1	4.4	3.26		14.34		
	Store Room	Sqm	1	4.3	1.5		6.45		
	Entrance Portion fornt of kitchen	Sqm	1	4.86	2.7		13.12		
	Near Staircase	Sqm	1	7.5	2.15		16.13		
	Deduction								
	Stairs Portion	Sqm	-1	4.83	2.15		-10.38		
	Basic rate							262.00	
	Area weightage 10%							26.20	
	Total						**39.66**	**288.20**	**11429.00**
	First Floor								
	Passage in front of bedrooms	Sqm	1	7.10	1.76		12.50		
	Bed Rooms & Toilet	Sqm	2	3.50	3.00		21.00		
	Near Staircase	Sqm	1	7.5	2.15		16.13		
	Deduction								
	Stairs Portion	Sqm	-1	4.83	2.15		-10.38		
	Basic rate							262.00	
	Add lift charges for First Floor							2.62	
	sub total							264.62	
	Area weightage 10%							26.46	
	Total						**39.24**	**291.08**	**11421.04**
23	Providing and applying white cement based putty of average thickness 1 mm. of approved brand and manufacturer. over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.(PWD SR 2021-22 Vol -II Pg 50 item no 8.51)								
	Ground Floor								
	for Internal plastered portions	Sqm	1	same as Internal plastering			111.62		
	ceiling	Sqm	1	same as plastering for beam + ceiling			39.66		
	Basic rate							83.00	
	Area weightage 10%							8.3	
	Total						**151.28**	**91.30**	**13811.91**
	First Floor								
	for Internal plastered portions	Sqm	1	same as Internal plastering			189.47		
	ceiling	Sqm	1	same as plastering for beam + ceiling			39.24		
	Basic rate							83.00	
	Add lift charges for First Floor							0.83	
	sub total							83.83	
	Area weightage 10%							8.38	
	Total						**228.71**	**92.21**	**21090.08**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
24	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (PWD SR 2021-22 Vol -II Pg 48 item no 8.41)								
	Ground Floor								
	Internal painting	Sqm	Same as Internal plastering				151.28		
	Basic rate							130.00	
	Area weightage 10%							13	
	Total						**151.28**	**143.00**	**21633.11**
	First Floor								
	Internal painting	Sqm	Same as Internal plastering				228.71		
	Basic rate							130.00	
	Add lift charges for First Floor							1.30	
	sub total							131.30	
	Area weightage 10%							13.13	
	Total						**228.71**	**144.43**	**33032.66**
25	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two coat applied @ 1.67 ltr/10 m² over and including priming coat of exterior primer applied @ 2.20 kg/10 m²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.(PWD SR 2021-22 Vol -II Pg 46 item no 8.30)								
	External painting								
	Ground Floor	Sqm	Same as External plastering				171.31		
	Total							136.00	
	Area weightage 10%							13.60	
	Total						**171.31**	**149.60**	**25627.23**
	External painting								
	First Floor	Sqm	Same as External plastering				94.87		
	Basic Rate							136.00	
	An additional rate of Rs.4.00/sqm per floor for lift charges and Rs.4.00/sqm per floor for scaffolding charges may be added for every additional floor							8.00	
	sub total							144.00	
	Area weightage 10%							14.40	
	Total						**437.48**	**158.40**	**69297.47**
26	Providing and laying Cement concrete flooring 40 mm thick with 20mm nominal size stone aggregate using 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry complete.(PWD SR 2021-22 Vol -II Pg 59 item no 9.1)								
	Ground Floor								
	Kitchen	Sqm	1	4.4	3.26		14.34		
	Store Room	Sqm	1	4.3	1.5		6.45		
	Entrance Portion fornt of kitchen	Sqm	1	4.86	2.7		13.12		
	Below Staircase	Sqm	1	7.5	2.15		16.13		
	Basic rate							400.00	
	Area weightage 10%							40	

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Total						**50.04**	**440.00**	**22018.04**
27	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) Mix 1:2:4 (M15) Using 20 mm nominal size graded crushed coarse aggregates(PWD SR 2021-22 Vol -I Pg 17 item no 2.4.1)								
	Ground Floor								
	Kitchen	Cum	1	4.4	3.26	0.1	1.43		
	Store Room	Cum	1	4.3	1.5	0.1	0.65		
	Entrance Portion fornt of kitchen	Cum	1	4.86	2.7	0.1	1.31		
	Below Staircase	Cum	1	7.5	2.15	0.1	1.61		
	Basic rate							5880.00	
	Area weightage 10%							588	
	Total						**5**	**6468.00**	**32366.52**
28	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. ** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent. (PWD SR 2021-22 Vol -II Pg 63 item no 9.24)								
	Ground Floor								
	Kitchen	Sqm	1	4.40	3.26		14.34		
		Sqm	1	2.70	4.86		13.12		
	Store Room	Sqm	1	4.30	1.50		6.45		
	Staircase								
	Riser	Sqm	24	1.00	0.15		3.60		
	Thread	Sqm	23	1.00	0.30		6.90		
	Landing	Sqm	1	2.15	1.00		2.15		
	Skirtings								
		Sqm	1	7.1		0.1	0.71		
		Sqm	1	4.86		0.1	0.49		
		Sqm	1	2.7		0.1	0.27		
		Sqm	1	1.6		0.1	0.16		
		Sqm	1	4.4		0.1	0.44		
		Sqm	1	3.26		0.1	0.33		
		Sqm	2	4.3		0.1	0.86		
		Sqm	2	1.5		0.1	0.30		
	Deduction								
	D1	Sqm	-1	1.5		0.1	-0.15		
	D2	Sqm	-1	0.9		0.1	-0.09		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic rate							2870.00	
	Area weightage 10%							287	
	Total						**50**	**3157.00**	**157464.85**
	First Floor								
	Bed Rooms	Sqm	2	3.50	3		21.00		
	Passage in front of bedrooms	Sqm	1	7.10	1.76		12.50		
	Entrance Area	Sqm	1	5.70	2		11.40		
	Staircase								
	Riser	Sqm	24	1.00	0.15		3.60		
	Thread	Sqm	23	1.00	0.30		6.90		
	Landing	Sqm	1	2.15	1.00		2.15		
	Skirtings								
		Sqm	2	7.10		0.10	1.42		
		Sqm	2	1.76		0.10	0.35		
		Sqm	2	3.50		0.10	0.70		
		Sqm	2	3.00		0.10	0.60		
		Sqm	4	1.9		0.10	0.76		
		Sqm	2	1.1		0.10	0.22		
		Sqm	2	1.6		0.10	0.32		
	Deduction						0.00		
	Bathroom	Sqm	-2	1.60	1.1		-3.52		
	D1	Sqm	-1	1.5		0.10	-0.15		
	D2	Sqm	-4	0.9		0.10	-0.36		
	D3	Sqm	-2	0.75		0.10	-0.15		
	Basic rate							2870.00	
	Add lift charges for First Floor							28.70	
	sub total							2898.70	
	Area weightage 10%							289.87	
	Total						57.74	**3188.57**	**184101.65**
29	Ceramic tile flooring, with under layer 12 mm thick cement mortar 1:4 (1cement: 4 coarse sand), with joints not exceeding 5 mm, including filling the gaps with ordinary cement mixture & mixing with synthetic polyester fibre, triangular in shape having specific gravity of 1.34 to 1.40, cross section size ranging from 10 to 40 micron & length upto 6 mm , mixing fibre @ 125 g per 50 kg of cement in cement mortar, including providing and mixing water proofing material in mortar @ 1 kg per 50 kg of cement, all complete as per direction of Engineer-in-charge.(Vol 2/ P No-61/ I no-9.15 of PWD SR 2021-22)								
	For Toilet								
	Floor	Sqm	2	1.50	1.00		3.00		
	Basic rate							577.00	
	Add lift charges for First Floor							5.77	
	sub total							582.77	
	Area weightage 10%							58.28	
	Total						**3.00**	**641.05**	**1923.14**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
30	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications. (PWD SR 2021-22 Vol -II Pg 99 item no 12.11)								
	Ground Floor								
	D1	Cum	1	9.20	0.15	0.125	0.17		
	D2	Cum	1	5.10	0.15	0.125	0.10		
	Basic rate							90393.00	
	Area weightage 10%							9039.3	
	Total						**0.27**	**99432.3**	**26660.29**
	First Floor								
	D1	Cum	1	9.20	0.15	0.125	0.17		
	D2	Cum	2	5.10	0.15	0.125	0.19		
	D3	Cum	2	4.95	0.15	0.125	0.19		
	Basic rate							90393.00	
	Add lift charges for First Floor							903.93	
	sub total							91296.93	
	Area weightage 10%							9129.69	
	Total						**0.55**	**100426.62**	**55171.88**
31	Providing and fixing in position Honnewood fully panelled shutters for windows with stiles and rails of 35mm. thick, 75mm wide in two halves with panels of 25mm thick including cost of materials, labour charges, usage charges complete as per specifications. (excluding cost of fixtures)(PWD SR 2021-22 Vol -II Pg 101 item no 12.23)								
	Ground Floor								
	D1	Sqm	1	1.5		2.1	3.15		
	D2	Sqm	1	0.9		2.1	1.89		
	Basic rate							5182.00	
	Area weightage 10%							518.20	
	Total						**5.04**	**5700.20**	**28729.01**
	Ground Floor								
	D1	Sqm	1	1.5		2.1	3.15		
	D2	Sqm	2	0.9		2.1	3.78		
	D3	Sqm	2	0.75		2.1	3.15		
	Basic rate							5182.00	
	Add lift charges for First Floor							51.82	
	sub total							5233.82	
	Area weightage 10%							523.38	
	Total						**10.08**	**5757.20**	**58032.6**
32	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings / wooden frames with rawl plugs screws etc. (PWD SR 2021-22 Vol -II Pg 85 item no 11.34B)								
	Ground Floor								
	W	Kg	6.00			36.00	216.00		
			21kg per sqm 1.2*1.2*21						
	Basic rate							143.00	
	Area weightage 10%							14.30	
	Total						**216.00**	**157.30**	**33976.80**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	First Floor								
	W	Kg	6.00			36.00	216.00		
			21kg per sqm 1.2*1.2*21						
	V	Kg	2.00			11.25	22.50		
			21kg per sqm 0.75*0.6*21						
	Basic rate							143.00	
	Add lift charges for First Floor							1.43	
	sub total							144.43	
	Area weightage 10%							14.44	
	Total						**238.50**	**158.87**	**37891.21**
33	Providing & fixing of 3-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 108mm width x 45mm height with reinforcement of 1mm thickness and Sash with overall size of 39mm x 75mm with GI reinforcement of 2mm and mesh sash of size 37mm x 58mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 6mm plain float glass. standard hardware& Multi point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 2419mm x 2200mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made). (PWD SR 2021-22 Vol -II Pg 112 item no 12.9)								
	Ground Floor								
	W	Sqm	6	1.20		1.2	8.64		
	Basic rate							7240.00	
	Area weightage 10%							724.00	
	Total						**8.64**	**7964.00**	**68808.96**
	Ground Floor								
	W	Sqm	6	1.20		1.2	8.64		
	Basic rate							7240.00	
	Add lift charges for First Floor							72.40	
	sub total							7312.40	
	Area weightage 10%							731.24	
	Total						**8.64**	**8043.64**	**69497.05**
34	Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size – 1000mm x 1000mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made). (PWD SR 2021-22 Vol -II Pg 110 item no 12.85)								
	V	Sqm	2	0.75		0.6	0.90		
	Basic rate							4870.00	
	Add lift charges for First Floor							48.70	
	sub total							4918.70	

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Area weightage 10%							491.87	
	Total						**0.90**	**5410.57**	**4869.51**
35	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two coat applied @ 0.90 ltr/10 m² over an under coat of primer applied @ 0.80 ltr/10 m² of approved brand and manufacture including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (PWD SR 2021-22 Vol -II Pg 47 item no 8.33.3)								
	For window and ventilators Grills	sqm		window qty			17.28		
				ventilator qty			0.90		
	Basic rate							106.00	
	Area weightage 10%							10.60	
	Total						**18.18**	**116.60**	**2119.79**
36	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in- charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts,bolts, fasteners etc.) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.(PWD SR 2021-22 Vol -II Pg 83 item no 11.28)								
	Ground Floor								
	for Staircase	Sqm	1	5.00	1.00		5.00		
		Sqm	2	4.00	1.00		8.00		
	Basic rate							500.00	
	Area weightage 10%							50.00	
	Total	12					**156.00**	**550.00**	**85800.00**
	First Floor								
	for Staircase	Sqm	1	5.00	1.00		5.00		
		Sqm	2	4.00	1.00		8.00		
	For Passage								
		Sqm	1	7.50	2.15		16.13		
	Basic rate							500.00	
	Add lift charges for First Floor							5.00	
	sub total							505.00	
	Area weightage 10%							50.50	
	Total	12					**349.50**	**555.50**	**194147.25**
37	Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC:Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6kg per m2 to achieve final DFT (dry film thickness) of 1mm including prime coat of epoxy primer @150 g per m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of construction joints completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge. (PWD SR 2021-22 Vol -II Pg 133 item no 15.1)								

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Terrace	Sqm	1.00	7.20	7.31		52.63		
	Basic rate							745.00	
	Area weightage 10%							74.50	
	Total						**52.63**	**819.50**	**43131.92**
38	Providing and placing on terrace(at all floor levels), polyethylene water storage tanks as per IS 12701 marked.with cover and suitable locking arrangement and making necessary holes for inlet,outlet and overflow pipes but without fittings and the base support for tank(For 1000 litre capacity) (PWD SR 2021-22 1st Corrigenda Vol II.Sl No.12.Item No 13.34).								
	Sintex								
		ltr	2000				2000.00		
	Basic rate							**8.00**	
	Area weightage 10%							**0.80**	
	Total						**2000.00**	**8.80**	**17600.00**
39	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid(PWD SR 2021-22 Vol II. PgNo.123.Item No14.3.1)								
	WC Pan	Each	2				2.00		
	Basic rate							**5005.00**	
	Area weightage 10%							**500.50**	
	Total						**2.00**	**5505.50**	**11011.00**
40	PTMT grating 100 mm dia.(PWD SR 2021-22 Vol II. PgNo.A-26 Item No 470)								
	Grating	Each	10				10.00		
	Basic rate							**16.00**	
	Area weightage 10%							**1.60**	
	Total						**10.00**	**17.60**	**176.00**
41	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the wallswherever require: White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps(PWD SR 2021-22 Vol II. PgNo 124.Item No 14.7.1)								
	Wash Basin	Each	4				4.00		
	Basic rate							**2529.00**	
	Area weightage 10%							**252.90**	
	Total						**4.00**	**2781.90**	**11127.60**
42	Providing and fixing brass bib cock of approved quality : 20 mm nominal bore (PWD SR 2021-22 Vol II. PgNo 115.Item No 13.2.2)								
	Bib Cock	Nos.	10				10.00		
	Basic rate							**345**	
	Area weightage 10%							**34.50**	
	Total						**10.00**	**379.50**	**3795.00**
43	Providing and fixing brass stop cock of approved quality : 20 mm nominal bore (PWD SR 2021-22 Vol II. PgNo 115.Item No 13.3.2)								
	Stop Cock	Nos.	6				6.00		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic rate							**345**	
	Area weightage 10%							**34.50**	
	Total						**6.00**	**379.50**	**2277.00**
44	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 20 mm nominal bore (PWD SR 2021-22 Vol II. PgNo 115.Item No 13.5.2)								
	Valve	Nos.	6				6.00		
	Basic rate							**360**	
	Area weightage 10%							**36.00**	
	Total						**6.00**	**396.00**	**2376.00**
45	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. (PWD SR 2021-22 Vol II. PgNo 128 Item No 14.31)								
	Mirror	Each	6				6.00		
	Basic rate							**971**	
	Area weightage 10%							**97.10**	
	Total						**6.00**	**1068.10**	**6408.60**
46	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc..) 20mm nominal dia pipes (PWD SR 2021-22 1st Corrigenda Vol II. SL No. 10 .Item No 13.32.2)								
	Pipe	m	35				35.00		
	Basic rate							**373**	
	Area weightage 10%							**37.30**	
	Total						**35.00**	**410.30**	**14360.50**
47	Providing and fixing on wall face unplasticised rigid PVC rain water pipes conforming to IS:13592 Type A, including jointing with seal ring conforming to IS:5382, leaving 10mm gap for thermal expansion, [i] single socketed pipes 100mm diameter (PWD SR 2021-22 1st Corrigenda Vol II. SL No. 27 .Item No 13.48)								
	Rain Water pipes	m	45				45.00		
	Basic rate							**253**	
	Area weightage 10%							**25.30**	
	Total						**45.00**	**278.30**	**12523.50**
48	Supply and delivery of Centrifugal pumpset at site brand new best make and with discharge duty confirming to ISI standards and its latest amendments2 HP, Size 50x40 Head 22M, Discharge 186 LPM (PWD SR 2021-22 Vol V. Pg No. 164 .Item No 46.2)								
	motor	Each	1				1.00		
	Basic rate							17470.00	
	Area weightage 10%							1747.00	
	Total						**1.00**	**19217.00**	**19217.00**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
								Total	3389649.28
								GST Charges (18% of estimated cost)	610136.9
								Miscellaneous and Rounding off	213.9
								Grand Total	4000000.00

CERTIFICATE:

1) The work spot has been inspected and found to be necessary

2) The work spot comes under B.B.M.P

3) The provisions made in the estimate are necessary and minimum.

4) The estimate is based on S.R of 2021-2022 and approved rates

Assistant Engineer
BBMP

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ/Assistant Executive Engineer
ಜಿ.ಪಂ.ಎಂ.ಪಿ BBMP ಬೆಂಗಳೂರು-106

Executive Engineer
BBMP

Administrative Approval
Accorded For 40.00 Lakhs
H... of A/C P-3726
CE... 66 22/8/2022

TA

40.00 Lakhs
P-3726
79 A 22/08/2022

TA